

09/454737

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l2 and muscle\$	121

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l2 and muscle\$

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ALL	"rous sarcoma virus" or RSV adj5 promoter\$	2411	<u>L1</u>

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Entry 1 of 121

File: USPT

Mar 7, 2000

US-PAT-NO: 6034071

DOCUMENT-IDENTIFIER: US 6034071 A

TITLE: Mutant activated G.sub.S .alpha. and adenylyl cyclase 2 for use as therapeutic agents

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Image
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2. Document ID: US 6033884 A

Entry 2 of 121

File: USPT

Mar 7, 2000

US-PAT-NO: 6033884

DOCUMENT-IDENTIFIER: US 6033884 A

TITLE: Nucleic acid transporter systems and methods of use

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Image
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3. Document ID: US 6030956 A

Entry 3 of 121

File: USPT

Feb 29, 2000

US-PAT-NO: 6030956

DOCUMENT-IDENTIFIER: US 6030956 A

TITLE: Combination gene therapy for human cancers

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Image
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4. Document ID: US 6028245 A

Entry 4 of 121

File: USPT

Feb 22, 2000

US-PAT-NO: 6028245

DOCUMENT-IDENTIFIER: US 6028245 A

TITLE: Transgenic animals overexpressing MDM2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Image
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5. Document ID: US 6025195 A

Entry 5 of 121

File: USPT

Feb 15, 2000

US-PAT-NO: 6025195
DOCUMENT-IDENTIFIER: US 6025195 A
TITLE: Liver-specific adenovirus expression vector

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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6. Document ID: US 6022863 A

Entry 6 of 121

File: USPT

Feb 8, 2000

US-PAT-NO: 6022863
DOCUMENT-IDENTIFIER: US 6022863 A
TITLE: Regulation of gene expression

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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7. Document ID: US 6022735 A

Entry 7 of 121

File: USPT

Feb 8, 2000

US-PAT-NO: 6022735
DOCUMENT-IDENTIFIER: US 6022735 A
TITLE: Composition for introducing nucleic acid complexes into higher eucaryotic cells

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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8. Document ID: US 6022709 A

Entry 8 of 121

File: USPT

Feb 8, 2000

US-PAT-NO: 6022709
DOCUMENT-IDENTIFIER: US 6022709 A
TITLE: Nucleic acid encoding an altered telomere repeat binding factor

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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9. Document ID: US 6019978 A

Entry 9 of 121

File: USPT

Feb 1, 2000

US-PAT-NO: 6019978
DOCUMENT-IDENTIFIER: US 6019978 A
TITLE: Replication-defective adenovirus human type 5 recombinant as a vaccine carrier

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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10. Document ID: US 6020166 A

Entry 10 of 121

File: USPT

Feb 1, 2000

US-PAT-NO: 6020166
DOCUMENT-IDENTIFIER: US 6020166 A
TITLE: Nucleic acid encoding an altered telomere repeat binding factor 2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-------

11. Document ID: US 6020192 A

Entry 11 of 121

File: USPT

Feb 1, 2000

US-PAT-NO: 6020192

DOCUMENT-IDENTIFIER: US 6020192 A

TITLE: Humanized green fluorescent protein genes and methods

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Image
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12. Document ID: US 6017734 A

Entry 12 of 121

File: USPT

Jan 25, 2000

US-PAT-NO: 6017734

DOCUMENT-IDENTIFIER: US 6017734 A

TITLE: Unique nucleotide and amino acid sequence and uses thereof

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Image
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13. Document ID: US 6015694 A

Entry 13 of 121

File: USPT

Jan 18, 2000

US-PAT-NO: 6015694

DOCUMENT-IDENTIFIER: US 6015694 A

TITLE: Method for stimulating an immune response utilizing recombinant alphavirus particles

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Image
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14. Document ID: US 6015686 A

Entry 14 of 121

File: USPT

Jan 18, 2000

US-PAT-NO: 6015686

DOCUMENT-IDENTIFIER: US 6015686 A

TITLE: Eukaryotic layered vector initiation systems

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Image
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15. Document ID: US 6013630 A

Entry 15 of 121

File: USPT

Jan 11, 2000

US-PAT-NO: 6013630

DOCUMENT-IDENTIFIER: US 6013630 A

TITLE: Atrial natriuretic factor mutants and ischemic stroke

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Image
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16. Document ID: US 6001557 A

Entry 16 of 121

File: USPT

Dec 14, 1999

US-PAT-NO: 6001557

DOCUMENT-IDENTIFIER: US 6001557 A

TITLE: Adenovirus and methods of use thereof

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Image
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17. Document ID: US 6001990 A

Entry 17 of 121

File: USPT

Dec 14, 1999

US-PAT-NO: 6001990

DOCUMENT-IDENTIFIER: US 6001990 A

TITLE: Antisense inhibition of hepatitis C virus

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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18. Document ID: US 5998205 A

Entry 18 of 121

File: USPT

Dec 7, 1999

US-PAT-NO: 5998205

DOCUMENT-IDENTIFIER: US 5998205 A

TITLE: Vectors for tissue-specific replication

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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19. Document ID: US 5997871 A

Entry 19 of 121

File: USPT

Dec 7, 1999

US-PAT-NO: 5997871

DOCUMENT-IDENTIFIER: US 5997871 A

TITLE: Treatment and prevention of cancer by administration of derivatives of human chorionic gonadotropin

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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20. Document ID: US 5994503 A

Entry 20 of 121

File: USPT

Nov 30, 1999

US-PAT-NO: 5994503

DOCUMENT-IDENTIFIER: US 5994503 A

TITLE: Nucleotide and protein sequences of lats genes and methods based thereon

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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21. Document ID: US 5993799 A

Entry 21 of 121

File: USPT

Nov 30, 1999

US-PAT-NO: 5993799

DOCUMENT-IDENTIFIER: US 5993799 A

TITLE: Methods of using genetically engineered cells that produce insulin in response to glucose

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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22. Document ID: US 5994132 A

Entry 22 of 121

File: USPT

Nov 30, 1999

US-PAT-NO: 5994132

DOCUMENT-IDENTIFIER: US 5994132 A

TITLE: Adenovirus vectors

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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23. Document ID: US 5994109 A

Entry 23 of 121

File: USPT

Nov 30, 1999

US-PAT-NO: 5994109

DOCUMENT-IDENTIFIER: US 5994109 A

TITLE: Nucleic acid transporter system and methods of use

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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24. Document ID: US 5990092 A

Entry 24 of 121

File: USPT

Nov 23, 1999

US-PAT-NO: 5990092

DOCUMENT-IDENTIFIER: US 5990092 A

TITLE: GATA-6 transcription factor: compositions and methods

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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25. Document ID: US 5990294 A

Entry 25 of 121

File: USPT

Nov 23, 1999

US-PAT-NO: 5990294

DOCUMENT-IDENTIFIER: US 5990294 A

TITLE: Nucleotide and amino acid sequences of C4-2, a tumor suppressor gene, and methods of use thereof

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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26. Document ID: US 5985266 A

Entry 26 of 121

File: USPT

Nov 16, 1999

US-PAT-NO: 5985266

DOCUMENT-IDENTIFIER: US 5985266 A

TITLE: Radiation enhanced therapy for tumors expressing a gene for viral thymidine kinase in the presence of a 5-halogengated pyrimidine

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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27. Document ID: US 5986055 A

Entry 27 of 121

File: USPT

Nov 16, 1999

US-PAT-NO: 5986055

DOCUMENT-IDENTIFIER: US 5986055 A

TITLE: CDK2 interactions

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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28. Document ID: US 5981273 A

Entry 28 of 121

File: USPT

Nov 9, 1999

US-PAT-NO: 5981273

DOCUMENT-IDENTIFIER: US 5981273 A

TITLE: Composition comprising an endosomolytic agent for introducing nucleic acid complexes into higher eucaryotic cells

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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29. Document ID: US 5980886 A

Entry 29 of 121

File: USPT

Nov 9, 1999

US-PAT-NO: 5980886

DOCUMENT-IDENTIFIER: US 5980886 A

TITLE: Recombinant vectors for reconstitution of liver

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Image
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30. Document ID: US 5980887 A

Entry 30 of 121

File: USPT

Nov 9, 1999

US-PAT-NO: 5980887

DOCUMENT-IDENTIFIER: US 5980887 A

TITLE: Methods for enhancing angiogenesis with endothelial progenitor cells

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Image
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31. Document ID: US 5976853 A

Entry 31 of 121

File: USPT

Nov 2, 1999

US-PAT-NO: 5976853

DOCUMENT-IDENTIFIER: US 5976853 A

TITLE: Growth factor inducible serine/threonine phosphatase FIN13

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Image
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32. Document ID: US 5977311 A

Entry 32 of 121

File: USPT

Nov 2, 1999

US-PAT-NO: 5977311

DOCUMENT-IDENTIFIER: US 5977311 A

TITLE: 53BP2 complexes

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Image
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33. Document ID: US 5972899 A

Entry 33 of 121

File: USPT

Oct 26, 1999

US-PAT-NO: 5972899

DOCUMENT-IDENTIFIER: US 5972899 A

TITLE: Apoptosis induced by Shigella IpaB

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Image
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34. Document ID: US 5969102 A

Entry 34 of 121

File: USPT

Oct 19, 1999

US-PAT-NO: 5969102

DOCUMENT-IDENTIFIER: US 5969102 A

TITLE: Lymphocyte surface receptor that binds CAML, nucleic acids encoding the same and methods of use thereof

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Image
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35. Document ID: US 5968750 A

Entry 35 of 121

File: USPT

Oct 19, 1999

US-PAT-NO: 5968750

DOCUMENT-IDENTIFIER: US 5968750 A

TITLE: Humanized green fluorescent protein genes and methods

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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36. Document ID: US 5965541 A

Entry 36 of 121

File: USPT

Oct 12, 1999

US-PAT-NO: 5965541

DOCUMENT-IDENTIFIER: US 5965541 A

TITLE: Vectors and methods for gene transfer to cells

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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37. Document ID: US 5962313 A

Entry 37 of 121

File: USPT

Oct 5, 1999

US-PAT-NO: 5962313

DOCUMENT-IDENTIFIER: US 5962313 A

TITLE: Adeno-associated virus vectors comprising a gene encoding a lysosomal enzyme

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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38. Document ID: US 5958893 A

Entry 38 of 121

File: USPT

Sep 28, 1999

US-PAT-NO: 5958893

DOCUMENT-IDENTIFIER: US 5958893 A

TITLE: Genes and proteins for treating cystic fibrosis

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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39. Document ID: US 5958892 A

Entry 39 of 121

File: USPT

Sep 28, 1999

US-PAT-NO: 5958892

DOCUMENT-IDENTIFIER: US 5958892 A

TITLE: 2-methoxyestradiol-induced apoptosis in cancer cells

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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40. Document ID: US 5952213 A

Entry 40 of 121

File: USPT

Sep 14, 1999

US-PAT-NO: 5952213

DOCUMENT-IDENTIFIER: US 5952213 A

TITLE: Src-family kinase and methods of use thereof

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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41. Document ID: US 5942606 A

Entry 41 of 121

File: USPT

Aug 24, 1999

US-PAT-NO: 5942606
DOCUMENT-IDENTIFIER: US 5942606 A
TITLE: Viral receptor protein

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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42. Document ID: US 5942433 A

Entry 42 of 121

File: USPT

Aug 24, 1999

US-PAT-NO: 5942433
DOCUMENT-IDENTIFIER: US 5942433 A
TITLE: Extension of a protein-protein interaction surface to inactivate the function of a cellular protein

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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43. Document ID: US 5939320 A

Entry 43 of 121

File: USPT

Aug 17, 1999

US-PAT-NO: 5939320
DOCUMENT-IDENTIFIER: US 5939320 A
TITLE: G-coupled receptors associated with macrophage-trophic HIV, and diagnostic and therapeutic uses thereof

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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44. Document ID: US 5939270 A

Entry 44 of 121

File: USPT

Aug 17, 1999

US-PAT-NO: 5939270
DOCUMENT-IDENTIFIER: US 5939270 A
TITLE: Markers for organ rejection

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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45. Document ID: US 5935935 A

Entry 45 of 121

File: USPT

Aug 10, 1999

US-PAT-NO: 5935935
DOCUMENT-IDENTIFIER: US 5935935 A
TITLE: Adenoviral vectors for treatment of hemophilia

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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46. Document ID: US 5929220 A

Entry 46 of 121

File: USPT

Jul 27, 1999

US-PAT-NO: 5929220
DOCUMENT-IDENTIFIER: US 5929220 A
TITLE: Hepadnavirus receptor

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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47. Document ID: US 5928944 A

Entry 47 of 121

File: USPT

Jul 27, 1999

US-PAT-NO: 5928944

DOCUMENT-IDENTIFIER: US 5928944 A

TITLE: Method of adenoviral-mediated cell transfection

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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48. Document ID: US 5928884 A

Entry 48 of 121

File: USPT

Jul 27, 1999

US-PAT-NO: 5928884

DOCUMENT-IDENTIFIER: US 5928884 A

TITLE: FHIT proteins and nucleic acids and methods based thereon

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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49. Document ID: US 5922688 A

Entry 49 of 121

File: USPT

Jul 13, 1999

US-PAT-NO: 5922688

DOCUMENT-IDENTIFIER: US 5922688 A

TITLE: PEA3 is a tumor suppressor

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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50. Document ID: US 5922315 A

Entry 50 of 121

File: USPT

Jul 13, 1999

US-PAT-NO: 5922315

DOCUMENT-IDENTIFIER: US 5922315 A

TITLE: Adenoviruses having altered hexon proteins

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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51. Document ID: US 5919643 A

Entry 51 of 121

File: USPT

Jul 6, 1999

US-PAT-NO: 5919643

DOCUMENT-IDENTIFIER: US 5919643 A

TITLE: Methods and compositions for the use of apurinic/apyrimidinic endonucleases

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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52. Document ID: US 5917019 A

Entry 52 of 121

File: USPT

Jun 29, 1999

US-PAT-NO: 5917019

DOCUMENT-IDENTIFIER: US 5917019 A

TITLE: Altered telomere repeat binding factor 2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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53. Document ID: US 5912141 A

Entry 53 of 121

File: USPT

Jun 15, 1999

US-PAT-NO: 5912141

DOCUMENT-IDENTIFIER: US 5912141 A

TITLE: Nucleic acids encoding tumor virus susceptibility genes

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Image
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54. Document ID: US 5911982 A

Entry 54 of 121

File: USPT

Jun 15, 1999

US-PAT-NO: 5911982

DOCUMENT-IDENTIFIER: US 5911982 A

TITLE: Hz-1 virus persistence-associated-gene 1 (PAG1) promoter uses therefor, and compositions containing same or products therefrom

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Image
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55. Document ID: US 5910488 A

Entry 55 of 121

File: USPT

Jun 8, 1999

US-PAT-NO: 5910488

DOCUMENT-IDENTIFIER: US 5910488 A

TITLE: Plasmids suitable for gene therapy

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Image
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56. Document ID: US 5908635 A

Entry 56 of 121

File: USPT

Jun 1, 1999

US-PAT-NO: 5908635

DOCUMENT-IDENTIFIER: US 5908635 A

TITLE: Method for the liposomal delivery of nucleic acids

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Image
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57. Document ID: US 5891717 A

Entry 57 of 121

File: USPT

Apr 6, 1999

US-PAT-NO: 5891717

DOCUMENT-IDENTIFIER: US 5891717 A

TITLE: Methods and compositions for inhibiting hexokinase

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Image
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58. Document ID: US 5889156 A

Entry 58 of 121

File: USPT

Mar 30, 1999

US-PAT-NO: 5889156

DOCUMENT-IDENTIFIER: US 5889156 A

TITLE: TNF deletion muteins

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Image
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59. Document ID: US 5888814 A

Entry 59 of 121

File: USPT

Mar 30, 1999

US-PAT-NO: 5888814

DOCUMENT-IDENTIFIER: US 5888814 A

TITLE: Recombinant host cells encoding TNF proteins

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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60. Document ID: US 5885829 A

Entry 60 of 121

File: USPT

Mar 23, 1999

US-PAT-NO: 5885829

DOCUMENT-IDENTIFIER: US 5885829 A

TITLE: Engineering oral tissues

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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61. Document ID: US 5885971 A

Entry 61 of 121

File: USPT

Mar 23, 1999

US-PAT-NO: 5885971

DOCUMENT-IDENTIFIER: US 5885971 A

TITLE: Gene therapy by secretory gland expression

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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62. Document ID: US 5880102 A

Entry 62 of 121

File: USPT

Mar 9, 1999

US-PAT-NO: 5880102

DOCUMENT-IDENTIFIER: US 5880102 A

TITLE: Adenoviral vector system

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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63. Document ID: US 5874077 A

Entry 63 of 121

File: USPT

Feb 23, 1999

US-PAT-NO: 5874077

DOCUMENT-IDENTIFIER: US 5874077 A

TITLE: Human til cells expressing recombinant TNF prohormone

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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64. Document ID: US 5874290 A

Entry 64 of 121

File: USPT

Feb 23, 1999

US-PAT-NO: 5874290

DOCUMENT-IDENTIFIER: US 5874290 A

TITLE: Nucleotide and amino acid sequences of a D2-2 gene associated with brain tumors and methods based thereon

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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65. Document ID: US 5874304 A

Entry 65 of 121

File: USPT

Feb 23, 1999

US-PAT-NO: 5874304

DOCUMENT-IDENTIFIER: US 5874304 A

TITLE: Humanized green fluorescent protein genes and methods

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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66. Document ID: US 5869035 A

Entry 66 of 121

File: USPT

Feb 9, 1999

US-PAT-NO: 5869035

DOCUMENT-IDENTIFIER: US 5869035 A

TITLE: Methods and compositions for inducing complement destruction of tissue

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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67. Document ID: US 5869037 A

Entry 67 of 121

File: USPT

Feb 9, 1999

US-PAT-NO: 5869037

DOCUMENT-IDENTIFIER: US 5869037 A

TITLE: Adenoviral-mediated gene transfer to adipocytes

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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68. Document ID: US 5869040 A

Entry 68 of 121

File: USPT

Feb 9, 1999

US-PAT-NO: 5869040

DOCUMENT-IDENTIFIER: US 5869040 A

TITLE: Gene therapy methods and compositions

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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69. Document ID: US 5866551 A

Entry 69 of 121

File: USPT

Feb 2, 1999

US-PAT-NO: 5866551

DOCUMENT-IDENTIFIER: US 5866551 A

TITLE: Recombinant adero viruses comprising an inserted gene encoding apolipoprotein and their use in gene therapy for dyslipoproteinemias

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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70. Document ID: US 5863797 A

Entry 70 of 121

File: USPT

Jan 26, 1999

US-PAT-NO: 5863797

DOCUMENT-IDENTIFIER: US 5863797 A

TITLE: Gene fusion encoding a hypersecretor protein

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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71. Document ID: US 5861290 A

Entry 71 of 121

File: USPT

Jan 19, 1999

US-PAT-NO: 5861290

DOCUMENT-IDENTIFIER: US 5861290 A

TITLE: Methods and polynucleotide constructs for treating host cells for infection or hyperproliferative disorders

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Image
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72. Document ID: US 5858351 A

Entry 72 of 121

File: USPT

Jan 12, 1999

US-PAT-NO: 5858351

DOCUMENT-IDENTIFIER: US 5858351 A

TITLE: Methods for delivering DNA to muscle cells using recombinant adeno-associated virus vectors

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Image
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73. Document ID: US 5859197 A

Entry 73 of 121

File: USPT

Jan 12, 1999

US-PAT-NO: 5859197

DOCUMENT-IDENTIFIER: US 5859197 A

TITLE: Neurogene

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Image
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74. Document ID: US 5859183 A

Entry 74 of 121

File: USPT

Jan 12, 1999

US-PAT-NO: 5859183

DOCUMENT-IDENTIFIER: US 5859183 A

TITLE: Altered telomere repeat binding factor

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Image
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75. Document ID: US 5854067 A

Entry 75 of 121

File: USPT

Dec 29, 1998

US-PAT-NO: 5854067

DOCUMENT-IDENTIFIER: US 5854067 A

TITLE: Hexokinase inhibitors

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Image
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76. Document ID: US 5851521 A

Entry 76 of 121

File: USPT

Dec 22, 1998

US-PAT-NO: 5851521

DOCUMENT-IDENTIFIER: US 5851521 A

TITLE: Viral vectors and their use for treating hyperproliferative disorders, in particular restenosis

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Image
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77. Document ID: US 5851822 A

Entry 77 of 121

File: USPT

Dec 22, 1998

US-PAT-NO: 5851822

DOCUMENT-IDENTIFIER: US 5851822 A

TITLE: Inflammation-induced expression of a recombinant gene

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Image
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78. Document ID: US 5849553 A

Entry 78 of 121

File: USPT

Dec 15, 1998

US-PAT-NO: 5849553

DOCUMENT-IDENTIFIER: US 5849553 A

TITLE: Mammalian multipotent neural stem cells

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Image
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79. Document ID: US 5849586 A

Entry 79 of 121

File: USPT

Dec 15, 1998

US-PAT-NO: 5849586

DOCUMENT-IDENTIFIER: US 5849586 A

TITLE: Infective protein delivery system

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Image
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80. Document ID: US 5849995 A

Entry 80 of 121

File: USPT

Dec 15, 1998

US-PAT-NO: 5849995

DOCUMENT-IDENTIFIER: US 5849995 A

TITLE: Mouse model for Huntington's Disease and related DNA sequences

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Image
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81. Document ID: US 5846528 A

Entry 81 of 121

File: USPT

Dec 8, 1998

US-PAT-NO: 5846528

DOCUMENT-IDENTIFIER: US 5846528 A

TITLE: Treating anemia using recombinant adeno-associated virus virions comprising an EPO DNA sequence

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Image
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82. Document ID: US 5846782 A

Entry 82 of 121

File: USPT

Dec 8, 1998

US-PAT-NO: 5846782

DOCUMENT-IDENTIFIER: US 5846782 A

TITLE: Targeting adenovirus with use of constrained peptide motifs

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Image
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83. Document ID: US 5843697 A

Entry 83 of 121

File: USPT

Dec 1, 1998

US-PAT-NO: 5843697

DOCUMENT-IDENTIFIER: US 5843697 A

TITLE: Cells expressing IL-10 receptor and the CRFB4 gene product, an IL-10 receptor accessory protein

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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84. Document ID: US 5843723 A

Entry 84 of 121

File: USPT

Dec 1, 1998

US-PAT-NO: 5843723

DOCUMENT-IDENTIFIER: US 5843723 A

TITLE: Alphavirus vector constructs

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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85. Document ID: US 5843742 A

Entry 85 of 121

File: USPT

Dec 1, 1998

US-PAT-NO: 5843742

DOCUMENT-IDENTIFIER: US 5843742 A

TITLE: Adeno-associated derived vector systems for gene delivery and integration into target cells

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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86. Document ID: US 5837510 A

Entry 86 of 121

File: USPT

Nov 17, 1998

US-PAT-NO: 5837510

DOCUMENT-IDENTIFIER: US 5837510 A

TITLE: Methods and polynucleotide constructs for treating host cells for infection or hyperproliferative disorders

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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87. Document ID: US 5837693 A

Entry 87 of 121

File: USPT

Nov 17, 1998

US-PAT-NO: 5837693

DOCUMENT-IDENTIFIER: US 5837693 A

TITLE: Intravenous hormone polypeptide delivery by salivary gland expression

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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88. Document ID: US 5834192 A

Entry 88 of 121

File: USPT

Nov 10, 1998

US-PAT-NO: 5834192

DOCUMENT-IDENTIFIER: US 5834192 A

TITLE: Human cachexia associated protein

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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89. Document ID: US 5830461 A

Entry 89 of 121

File: USPT

Nov 3, 1998

US-PAT-NO: 5830461

DOCUMENT-IDENTIFIER: US 5830461 A

TITLE: Methods for promoting wound healing and treating transplant-associated vasculopathy

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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90. Document ID: US 5827705 A

Entry 90 of 121

File: USPT

Oct 27, 1998

US-PAT-NO: 5827705

DOCUMENT-IDENTIFIER: US 5827705 A

TITLE: Molecule and method for importing DNA into a nucleus

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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91. Document ID: US 5817784 A

Entry 91 of 121

File: USPT

Oct 6, 1998

US-PAT-NO: 5817784

DOCUMENT-IDENTIFIER: US 5817784 A

TITLE: Neurogene

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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92. Document ID: US 5814482 A

Entry 92 of 121

File: USPT

Sep 29, 1998

US-PAT-NO: 5814482

DOCUMENT-IDENTIFIER: US 5814482 A

TITLE: Eukaryotic layered vector initiation systems

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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93. Document ID: US 5811266 A

Entry 93 of 121

File: USPT

Sep 22, 1998

US-PAT-NO: 5811266

DOCUMENT-IDENTIFIER: US 5811266 A

TITLE: Methods for producing human insulin

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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94. Document ID: US 5804445 A

Entry 94 of 121

File: USPT

Sep 8, 1998

US-PAT-NO: 5804445

DOCUMENT-IDENTIFIER: US 5804445 A

TITLE: High affinity mutants of nuclear factor-interleukin 6 and methods of use therefor

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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95. Document ID: US 5798209 A

Entry 95 of 121

File: USPT

Aug 25, 1998

US-PAT-NO: 5798209

DOCUMENT-IDENTIFIER: US 5798209 A

TITLE: Human and mouse very low density lipoprotein receptors and methods for use of such receptors

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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96. Document ID: US 5795872 A

Entry 96 of 121

File: USPT

Aug 18, 1998

US-PAT-NO: 5795872

DOCUMENT-IDENTIFIER: US 5795872 A

TITLE: DNA construct for immunization

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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97. Document ID: US 5792656 A

Entry 97 of 121

File: USPT

Aug 11, 1998

US-PAT-NO: 5792656

DOCUMENT-IDENTIFIER: US 5792656 A

TITLE: Methods of preparing genetically engineered cells that produce insulin in response to glucose

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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98. Document ID: US 5789245 A

Entry 98 of 121

File: USPT

Aug 4, 1998

US-PAT-NO: 5789245

DOCUMENT-IDENTIFIER: US 5789245 A

TITLE: Alphavirus structural protein expression cassettes

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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99. Document ID: US 5786213 A

Entry 99 of 121

File: USPT

Jul 28, 1998

US-PAT-NO: 5786213

DOCUMENT-IDENTIFIER: US 5786213 A

TITLE: Inhibition of endogenous gastrin expression for treatment of colorectal cancer

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Image
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100. Document ID: US 5766877 A

Entry 100 of 121

File: USPT

Jun 16, 1998

US-PAT-NO: 5766877

DOCUMENT-IDENTIFIER: US 5766877 A

TITLE: Genes encoding art, an agouti-related transcript

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Image
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Terms	Documents
l2 and muscle\$	121

Display 100 Documents including document number 101

Display Format: TI Change Format

Main Menu	Search Form	Posting Counts	Show S Numbers	Edit S Numbers
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Help	Logout
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? d s6/9/28

Display 6/9/28 (Item 26 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
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00957595 Genuine Article#: FJ889 Number of References: 37
Title: IMPLANTATION OF RECOMBINANT RAT MYOCYTES INTO ADULT SKELETAL-
MUSCLE - A POTENTIAL GENE-THERAPY
Author(s): SALMINEN A; ELSON HF; MICKLEY LA; FOJO AT; GOTTESMAN MM
Corporate Source: NCI,DIV CANC BIOL DIAG CTR,CELL BIOL LAB,BLDG 37,ROOM
2E18/BETHESDA//MD/20892; NCI,DIV CANC BIOL DIAG CTR,CELL BIOL LAB,BLDG
37,ROOM 2E18/BETHESDA//MD/20892; NCI,DIV CANC TREATMENT,MED
BRANCH/BETHESDA//MD/20892
Journal: HUMAN GENE THERAPY, 1991, V2, N1, P15-26
Language: ENGLISH Document Type: ARTICLE
Geographic Location: USA
Subfile: SciSearch; CC LIFE--Current Contents, Life Sciences
Journal Subject Category: MEDICAL LABORATORY TECHNOLOGY; GENETICS &
HEREDITY
Abstract: The ability of skeletal **muscle** to regenerate provides an
excellent therapeutic entry, via genetic engineering, for correcting

-more-

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Display 6/9/28 (Item 26 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
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diseases of skeletal **muscle** and other tissues. We have
used a **retrovirus** to transfer the cDNA for the human multidrug
transporter, encoded by the MDR1 gene, into the genomes of the rat
muscle cell line L6 and into primary rat myocytes. The MDR1 gene
confers drug resistance to cells, and thus serves as a selectable
marker in vitro. In cultured cells, the **retroviral**
promoter-driven human MDR1 cDNA was shown to be stable in the
presence or absence of drug selection or **muscle** cell fusion.
MDR1 mRNA was synthesized, as shown by RNA blot analysis and in situ
hybridization. The protein product was localized to the plasma
membrane of transduced myocytes and myotubes by immunofluorescence. As
a model for skeletal **muscle** gene therapy, transduced L6 myocytes
were implanted into the tibialis anterior **muscle** of Wistar rats.
The **retroviral** sequences of the human MDR1 gene and its mRNA were
present in the **muscles** of Wistar rats 5 days, but not 12 days,
after implantation, possibly because of immunorejection. On the other
hand, the human MDR1 cDNA was stable in the tibialis anterior

-more-

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Display 6/9/28 (Item 26 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
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muscle of nude mice, which are incapable of immunorejection, at
least 4 weeks after implantation of myocytes. Immunosuppression of
Wistar rats with cyclosporine A delayed immunorejection of recombinant
myocytes, and MDR1 cDNA and mRNA was detected 3-4 weeks after
implantation. In situ hybridization revealed that injected recombinant

myocytes remain discrete foci in adult rodent skeletal muscle and express MDR mRNA for at least 30 days in nude mice and cyclosporine-treated rats.

Identifiers--KeyWords Plus: MULTIDRUG-RESISTANCE GENE; HUMAN MDR1 GENE; INSITU HYBRIDIZATION; P-GLYCOPROTEIN; **EXPRESSION**; CELLS; **DYSTROPHIN**; **RETROVIRUSES**; INJECTION; MICE

Research Fronts: 89-0778 003 (MULTIDRUG RESISTANCE; P-GLYCOPROTEIN **EXPRESSION**; CHINESE-HAMSTER OVARY CELLS)

89-1095 001 (DUCHENNE MUSCULAR-DYSTROPHY; MOLECULAR DELETION PATTERNS; DMD GENE)

89-1586 001 (RAT RENAL-ALLOGRAFT SURVIVAL; DONOR MHC ANTIGEN INDUCTION; CHRONIC THROMBOXANE INHIBITION; TRANSPLANTATION TOLERANCE; CD4 (W3/25+)

-more-

? d s6/3/30-31

Display 6/3/30 (Item 1 from file: 98)
DIALOG(R)File 98:General Sci Abs/Full-Text
(c) 1999 The HW Wilson Co. All rts. reserv.

04017575 H.W. WILSON RECORD NUMBER: BGS199017575 (USE FORMAT 7 FOR FULLTEXT)

Gene therapy.

Kniec, Eric B

American Scientist (Am Sci) v. 87 no3 (May/June '99) p. 240-7

SPECIAL FEATURES: bibl il ISSN: 0003-0996

LANGUAGE: English

COUNTRY OF PUBLICATION: United States

WORD COUNT: 5911

- end of record -

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Display 6/3/31 (Item 2 from file: 98)
DIALOG(R)File 98:General Sci Abs/Full-Text
(c) 1999 The HW Wilson Co. All rts. reserv.

03751723 H.W. WILSON RECORD NUMBER: BGS198001723 (USE FORMAT 7 FOR FULLTEXT)

X-chromosome inactivation in mammals.

Heard, Edith

Clerc, Philippe; Avner, Philip

Annual Review of Genetics (Annu Rev Genet) v. 31 ('97) p. 571-610

SPECIAL FEATURES: bibl il ISSN: 0066-4197

LIGHT set on as ' '

? begin 5,6,55,154,155,156,312,399,biotech,biosci

Set	Items	Description
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? s retrovir? and muscle?		
Processed 20 of 36 files ...		
Processing		
Completed processing all files		
	426985	RETROVIR?
	2126502	MUSCLE?
S1	6505	RETROVIR? AND MUSCLE?
? s s1 and express?		

Processed 10 of 36 files ...

Processing

Completed processing all files

6505 S1

4630249 EXPRESS?

S2 3958 S1 AND EXPRESS?

? s s2 and promoter?

3958 S2

633841 PROMOTER?

S3 697 S2 AND PROMOTER?

? s s3 and disease?

Processed 10 of 36 files ...

Processing

Processing

Processed 20 of 36 files ...

Completed processing all files

697 S3

11372106 DISEASE?

S4 233 S3 AND DISEASE?

? s s4 and dystrophin

233 S4

20307 DYSTROPHIN

S5 35 S4 AND DYSTROPHIN

? rd s5

>>>Duplicate detection is not supported for File 60.

>>>Records from unsupported files will be retained in the RD set.

...completed examining records

S6 31 RD S5 (unique items)

? d s6/3/1-31

Display 6/3/1 (Item 1 from file: 5)

DIALOG(R)File 5:BIOSIS Previews(R)

(c) 2000 BIOSIS. All rts. reserv.

11624031 BIOSIS NO.: 199800406267

Transplantation of dermal fibroblasts **expressing** MyoD1 in mouse **muscles**.

AUTHOR: Huard Christine; Moisset Pierre-Alain; Dicaire Annie; Merly Franck; Tardif Francois; Asselin Isabelle; Tremblay Jacques P(a)

AUTHOR ADDRESS: (a)Unite Rech. Genet. Hum., CHUQ-Pavillon CHUL, 2705 Blvd. Laurier, Sainte-Foy, PQ G1V 4G2**Canada

JOURNAL: Biochemical and Biophysical Research Communications 248 (3):p
648-654 July 30, 1998
ISSN: 0006-291X
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

- end of record -

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Display 6/3/2 (Item 2 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2000 BIOSIS. All rts. reserv.

08819103 BIOSIS NO.: 199395108454
Efficient adenovirus-mediated transfer of a human minidystrophin gene to
skeletal **muscle** of mdx mice.
AUTHOR: Ragot Thierry; Vincent Nathalie; Chafey Philippe; Vigne Emmanuelle;
Gilgenkrantz Helene; Couton Dominique; Cartaud Jean; Briand Pascale;
Kaplan Jean-Claude; et al
AUTHOR ADDRESS: URA 1301 CNRS, Inst. Gustave Roussy, PR2, 39, rue Camille
Desmoulins, 94805 Villejuif**France
JOURNAL: Nature (London) 361 (6413):p647-650 1993
ISSN: 0028-0836
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

- end of record -

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Display 6/3/3 (Item 1 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
(c) 2000 Inst for Sci Info. All rts. reserv.

06321919 Genuine Article#: YJ468 No. References: 30
Title: Exogenous genes are **expressed** in mdx **muscle** fibres
following the implantation of primary mouse skin cells
Author(s): Relvas JB; Aldridge H; Wells KE; Wells DJ; Watt DJ (REPRINT)
Corporate Source: CHARING CROSS & WESTMINSTER MED SCH, DEPT ANAT, FULHAM
PALACE RD/LONDON W6 8RF//ENGLAND/ (REPRINT); CHARING CROSS &
WESTMINSTER MED SCH, DEPT ANAT/LONDON W6 8RF//ENGLAND/; CHARING CROSS &
WESTMINSTER MED SCH, GENE TARGETING UNIT, DEPT PHARMACOL/LONDON W6
8RF//ENGLAND/; CHARING CROSS & WESTMINSTER MED SCH, GENE TARGETING UNIT,
DEPT CLIN NEUROSCI/LONDON W6 8RF//ENGLAND/
Journal: BASIC AND APPLIED MYOLOGY, 1997, V7, N3-4, P211-219
ISSN: 1120-9992 Publication date: 19970000
Publisher: UNIPRESS PADOVA, 231 VIA C BATTISTI, 35123 PADOVA, ITALY
Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

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Display 6/3/4 (Item 2 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
(c) 2000 Inst for Sci Info. All rts. reserv.

05187479 Genuine Article#: VG021 No. References: 26
Title: **RETROVIRAL-MEDIATED IN-VIVO GENE-TRANSFER INTO MUSCLE**
-CELLS AND SYNTHESIS OF HUMAN FACTOR-IX IN MICE
Author(s): BARU M; SHAANANI J; NUR I
Corporate Source: OMRI LABS LTD, POB 619/IL-76106 REHOVOT//ISRAEL/; OMRI
LABS LTD/IL-76106 REHOVOT//ISRAEL/
Journal: INTERVIROLOGY, 1995, V38, N6 (NOV-DEC), P356-360
ISSN: 0300-5526

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Display 6/3/5 (Item 3 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
(c) 2000 Inst for Sci Info. All rts. reserv.

04589268 Genuine Article#: TV144 No. References: 35
Title: TARGETING WIDESPREAD SITES OF DAMAGE IN DYSTROPHIC **MUSCLE** -
ENGRAFTED MACROPHAGES AS POTENTIAL SHUTTLES
Author(s): PARRISH EP; CIFUENTESDIAZ C; LI ZL; VICART P; PAULIN D; DREYFUS
PA; PESCHANSKI M; HARRIS AJ; GARCIA L
Corporate Source: FAC MED, INSERM U421, IM3, 8 RUE GEN SARRAIL/F-94010
CRETEIL//FRANCE/; FAC MED, INSERM U421, IM3/F-94010 CRETEIL//FRANCE/;
UNIV PARIS 07/PARIS//FRANCE/; INST PASTEUR/PARIS//FRANCE/; UNIV
OTAGO, DEPT PHYSIOL/DUNEDIN//NEW ZEALAND/; UNIV OTAGO, DEV BIOL
UNIT/DUNEDIN//NEW ZEALAND/
Journal: GENE THERAPY, 1996, V3, N1 (JAN), P13-20
ISSN: 0969-7128
Language: ENGLISH Document Type: ARTICLE (Abstract Available)

- end of record -

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Display 6/3/6 (Item 4 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
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04584032 Genuine Article#: TU615 No. References: 105
Title: GENE-THERAPY - STRATEGIES IN APPLICATIONS
Author(s): HALLEZ S
Corporate Source: FREE UNIV BRUSSELS, FDN Y BOEL, CHIM BIOL LAB, 67 RUE
CHEVAUX/B-1640 RHODE ST GENESE//BELGIUM/
Journal: REVUE DES MALADIES RESPIRATOIRES, 1995, V12, N6, P567-583
ISSN: 0761-8425
Language: FRENCH Document Type: REVIEW (Abstract Available)

- end of record -

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Display 6/3/7 (Item 5 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
(c) 2000 Inst for Sci Info. All rts. reserv.

04547221 Genuine Article#: TR399 No. References: 419
Title: GENE INTRODUCTION INTO ANIMAL-TISSUES
Author(s): NAKANISHI M
Corporate Source: OSAKA UNIV, MICROBIAL DIS RES INST, DEPT NEUROVIROL, 3-1
YAMADA OKA/SUITA/OSAKA 565/JAPAN/; RES DEV CORP
JAPAN, PRESTO/KAWAGUCHI/SAITAMA 332/JAPAN/
Journal: CRITICAL REVIEWS IN THERAPEUTIC DRUG CARRIER SYSTEMS, 1995, V12,
N4, P263-310
ISSN: 0743-4863
Language: ENGLISH Document Type: REVIEW (Abstract Available)

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Display 6/3/8 (Item 6 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
(c) 2000 Inst for Sci Info. All rts. reserv.

03472014 Genuine Article#: NE550 No. References: 277

Title: HUMAN GENETIC THERAPY
Author(s): HARRIS J; BIKORA K
Corporate Source: HAMMERSMITH HOSP, ROYAL POSTGRAD MED SCH, DEPT CLIN
ONCOL, ICRF ONCOL UNIT/LONDON W12 ONN//ENGLAND/
Journal: MOLECULAR ASPECTS OF MEDICINE, 1993, V14, N6, P451&
ISSN: 0098-2997
Language: ENGLISH Document Type: REVIEW

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Display 6/3/9 (Item 7 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
(c) 2000 Inst for Sci Info. All rts. reserv.

02856293 Genuine Article#: MJ971 No. References: 383
Title: LINKAGE OF PROLIFERATIVE AND MATURATIONAL ABNORMALITIES IN CHRONIC
MYELOGENOUS LEUKEMIA AND RELEVANCE TO TREATMENT
Author(s): CLARKSON B; STRIFE A
Corporate Source: SLOAN KETTERING INST CANC RES, MOLEC PHARMACOL & THERAPEUT
PROGRAM, 1275 YORK AVE/NEW YORK//NY/10021; MEM SLOAN KETTERING CANC
CTR, MEM HOSP CANC & ALLIED DIS, DEPT MED, DIV HEMATOL ONCOL/NEW
YORK//NY/10021; CORNELL UNIV, MED CTR, COLL MED/NEW YORK//NY/10021
Journal: LEUKEMIA, 1993, V7, N11 (NOV), P1683-1721
ISSN: 0887-6924
Language: ENGLISH Document Type: REVIEW (Abstract Available)

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Display 6/3/10 (Item 8 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
(c) 2000 Inst for Sci Info. All rts. reserv.

02825439 Genuine Article#: MG240 No. References: 37
Title: THE USE OF HERPES-SIMPLEX VIRUS VECTORS FOR GENE-THERAPY IN
NEUROLOGICAL DISEASES
Author(s): KENNEDY PGE; STEINER I
Corporate Source: UNIV GLASGOW, SO GEN HOSP, INST NEUROL SCI, DEPT
NEUROL/GLASGOW G51 4TF//SCOTLAND//; HADASSAH UNIV HOSP, HEBREW UNIV
JERUSALEM, HADASSAH MED SCH, DEPT NEUROL, NEUROVIROL LAB/IL-91120
JERUSALEM//ISRAEL/
Journal: QUARTERLY JOURNAL OF MEDICINE, 1993, V86, N11 (NOV), P697-702
ISSN: 0033-5622
Language: ENGLISH Document Type: REVIEW (Abstract Available)

- end of record -

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Display 6/3/11 (Item 9 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
(c) 2000 Inst for Sci Info. All rts. reserv.

02783102 Genuine Article#: MD263 No. References: 38
Title: DEVELOPMENT OF METHODS FOR SOMATIC-CELL GENE-THERAPY DIRECTED
AGAINST VIRAL DISEASES, USING RETROVIRAL VECTORS CARRYING
THE MURINE OR HUMAN INTERFERON-BETA CODING SEQUENCE - ESTABLISHMENT OF
THE ANTIVIRAL STATE IN HUMAN-CELLS
Author(s): LAURET E; RIVIERE I; ROUSSEAU V; VIEILLARD V; DEMAIEYERGUIGNARD J
; DEMAIEYER E
Corporate Source: INST CURIE, CNRS, URA 1343, BAT 110, CTR UNIV/F-91405
ORSAY//FRANCE//; INST CURIE, CNRS, URA 1343, BAT 110, CTR UNIV/F-91405
ORSAY//FRANCE/
Journal: HUMAN GENE THERAPY, 1993, V4, N5 (OCT), P567-577
ISSN: 1043-0342

- end of record -

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Display 6/3/12 (Item 10 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
(c) 2000 Inst for Sci Info. All rts. reserv.

02743035 Genuine Article#: MA479 No. References: 15
Title: LYMPHOPROLIFERATIVE DISORDERS IN AN IL-7 TRANSGENIC MOUSE LINE
Author(s): FISHER AG; BURDET C; LEMEUR M; HAASNER D; GERBER P; CEREDIG R
Corporate Source: INST CHIM BIOL, GENET MOLEC EUCARYOTES LAB, 11 RUE
HUMANN/F-67085 STRASBOURG//FRANCE/; BASEL INST IMMUNOL, LAB 04/CH-4005
BASEL//SWITZERLAND/
Journal: LEUKEMIA, 1993, V7, S2 (AUG), PS66-S68
ISSN: 0887-6924
Language: ENGLISH Document Type: ARTICLE (Abstract Available)

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Display 6/3/13 (Item 11 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
(c) 2000 Inst for Sci Info. All rts. reserv.

02718902 Genuine Article#: LY645 No. References: 26
Title: OVEREXPRESSION OF N-ACETYL GALACTOSAMINE-4-SULFATASE INDUCES A
MULTIPLE SULFATASE DEFICIENCY IN MUCOPOLYSACCHARIDOSIS-TYPE-VI
FIBROBLASTS
Author(s): ANSON DS; MULLER V; BIELICKI J; HARPER GS; HOPWOOD JJ
Corporate Source: ADELAIDE CHILDRENS HOSP INC, CTR MED GENET, DEPT CHEM
PATHOL, LYSOSOMAL DIS RES UNIT/ADELAIDE/SA 5006/AUSTRALIA/
Journal: BIOCHEMICAL JOURNAL, 1993, V294, SEP (SEP 15), P657-662
ISSN: 0264-6021
Language: ENGLISH Document Type: ARTICLE (Abstract Available)

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Display 6/3/14 (Item 12 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
(c) 2000 Inst for Sci Info. All rts. reserv.

02644475 Genuine Article#: LT739 No. References: 58
Title: THE ACUTE PROMYELOCYTIC LEUKEMIA-SPECIFIC PML-RAR-ALPHA FUSION
PROTEIN INHIBITS DIFFERENTIATION AND PROMOTES SURVIVAL OF MYELOID
PRECURSOR CELLS
Author(s): GRIGNANI F; FERRUCCI PF; TESTA U; TALAMO G; FAGIOLI M; ALCALAY M
; MENCARELLI A; GRIGNANI F; PESCHLE C; NICOLETTI I; PELICCI PG
Corporate Source: UNIV PERUGIA, MONTELUCE POLICLIN, IST CLIN MED 1/I-06100
PERUGIA//ITALY/; IST SUPER SANITA, DEPT HAEMATOL & ONCOL/I-00161
ROME//ITALY/; THOMAS JEFFERSON UNIV/PHILADELPHIA//PA/19107
Journal: CELL, 1993, V74, N3 (AUG 13), P423-431
ISSN: 0092-8674
Language: ENGLISH Document Type: ARTICLE (Abstract Available)

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Display 6/3/15 (Item 13 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
(c) 2000 Inst for Sci Info. All rts. reserv.

02573713 Genuine Article#: LM272 No. References: 57

Title: NEF FROM PRIMARY ISOLATES OF HUMAN-IMMUNODEFICIENCY-VIRUS TYPE-1
SUPPRESSES SURFACIAL CD4 **EXPRESSION** IN HUMAN AND MOUSE T-CELLS
Author(s): ANDERSON S; SHUGARS DC; SWANSTROM R; GARCIA JV
Corporate Source: ST JUDE CHILDRENS HOSP,DEPT VIROL & MOLEC
BIOL/MEMPHIS//TN/38101; ST JUDE CHILDRENS HOSP,DEPT VIROL & MOLEC
BIOL/MEMPHIS//TN/38101; UNIV N CAROLINA,LINEBERGER CANC RES CTR/CHAPEL
HILL//NC/27599; UNIV N CAROLINA,SCH DENT/CHAPEL HILL//NC/27599; UNIV N
CAROLINA,DEPT BIOCHEM & BIOPHYS/CHAPEL HILL//NC/27599
Journal: JOURNAL OF VIROLOGY, 1993, V67, N8 (AUG), P4923-4931
ISSN: 0022-538X
Language: ENGLISH Document Type: ARTICLE (Abstract Available)

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Display 6/3/16 (Item 14 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
(c) 2000 Inst for Sci Info. All rts. reserv.

02539996 Genuine Article#: LJ670 No. References: 28
Title: GENE-TRANSFER OF HERPES-SIMPLEX VIRUS TYPE-I THYMIDINE KINASE GENE
AS A DRUG-SENSITIVITY GENE INTO HUMAN LUNG-CANCER CELL-LINES USING
RETROVIRAL VECTORS
Author(s): HASEGAWA Y; EMI N; SHIMOKATA K; ABE A; KAWABE T; HASEGAWA T;
KIRIOKA T; SAITO H
Corporate Source: NAGOYA UNIV,SCH MED,DEPT INTERNAL MED 1,65 TSURUMAI
CHO,SHOWA KU/NAGOYA/AICHI 466/JAPAN/; NAGOYA UNIV,SCH MED,DEPT INTERNAL
MED 1,65 TSURUMAI CHO,SHOWA KU/NAGOYA/AICHI 466/JAPAN/
Journal: AMERICAN JOURNAL OF RESPIRATORY CELL AND MOLECULAR BIOLOGY, 1993
, V8, N6 (JUN), P655-661
ISSN: 1044-1549
Language: ENGLISH Document Type: ARTICLE (Abstract Available)

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Display 6/3/17 (Item 15 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
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02530423 Genuine Article#: LJ092 No. References: 279
Title: BIOTECHNOLOGY IN THE DRUG DISCOVERY PROCESS - STRATEGIC AND
MANAGEMENT ISSUES
Author(s): WILLIAMS M; GIORDANO T; ELDER RA; REISER HJ; NEIL GL
Corporate Source: ABBOTT LABS,DIV PHARMACEUT PROD,NEUROSCI
RES,D-464/CHICAGO//IL/60064; ABBOTT LABS,DEPT PATENT &
TRADEMARK/CHICAGO//IL/60064; BERLEX LABS INC,DRUG DEV &
TECHNOL/WAYNE//NJ/07470; WYETH AYERST RES,RES & DEV/RADNOR//PA/19101
Journal: MEDICINAL RESEARCH REVIEWS, 1993, V13, N4 (JUL), P399-448
ISSN: 0198-6325
Language: ENGLISH Document Type: REVIEW

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Display 6/3/18 (Item 16 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
(c) 2000 Inst for Sci Info. All rts. reserv.

02511608 Genuine Article#: LG175 No. References: 62
Title: X-LINKED DILATED CARDIOMYOPATHY - MOLECULAR-GENETIC EVIDENCE OF
LINKAGE TO THE DUCHENNE MUSCULAR-DYSTROPHY (**DYSTROPHIN**) GENE AT
THE XP21 LOCUS
Author(s): TOWBIN JA; HEJTMANCIK JF; BRINK P; GELB B; ZHU XM; CHAMBERLAIN
JS; MCCABE ERB; SWIFT M

Corporate Source: BAYLOR COLL MED, DEPT PEDIAT/HOUSTON//TX/77030; BAYLOR
COLL MED, DEPT M HOUSTON//TX/77030; UNIV MICHIG DEPT HUMAN GENET/ANN
ARBOR//MI/48109; BAYLOR COLL MED, INST MOLEC GENET/HOUSTON//TX/77030;
NEI, MECH OPHTHALMOL DIS LAB/BETHESDA//MD/20892; UNIV N CAROLINA, DEPT
MED/CHAPEL HILL//NC/27514

Journal: CIRCULATION, 1993, V87, N6 (JUN), P1854-1865

ISSN: 0009-7322

Language: ENGLISH Document Type: ARTICLE (Abstract Available)

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Display 6/3/19 (Item 17 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
(c) 2000 Inst for Sci Info. All rts. reserv.

02509074 Genuine Article#: LG021 No. References: 167

Title: GENETICS OF CANCER PREDISPOSITION AND PROGRESSION

Author(s): SCHWECHHEIMER K; CAVENEE WK

Corporate Source: GESAMTHSCH ESSEN, INST NEUROPATHOL, HUFELANDSTR 55/W-4300
ESSEN 1//GERMANY/; LUDWIG INST CANC RES/SAN DIEGO//CA/00000; UNIV CALIF
SAN DIEGO, DEPT MED/LA JOLLA//CA/92093; UNIV CALIF SAN DIEGO, CTR MOLEC
GENET/LA JOLLA//CA/92093

Journal: CLINICAL INVESTIGATOR, 1993, V71, N6 (JUN), P488-502

ISSN: 0941-0198

Language: ENGLISH Document Type: REVIEW (Abstract Available)

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Display 6/3/20 (Item 18 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
(c) 2000 Inst for Sci Info. All rts. reserv.

02475843 Genuine Article#: LE003 No. References: 69

Title: MOLECULAR BIOLOGICAL APPROACHES TO STUDYING TRACE MINERALS - WHY
SHOULD CLINICIAN CARE

Author(s): FREAKE HC

Corporate Source: UNIV CONNECTICUT, DEPT NUTR SCI, 3624 HORSEBARN RD
EXTENS/STORRS//CT/06269

Journal: JOURNAL OF THE AMERICAN COLLEGE OF NUTRITION, 1993, V12, N3 (JUN)
, P294-302

ISSN: 0731-5724

Language: ENGLISH Document Type: ARTICLE (Abstract Available)

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Display 6/3/21 (Item 19 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
(c) 2000 Inst for Sci Info. All rts. reserv.

02430998 Genuine Article#: LA889 No. References: 29

Title: IDENTIFICATION OF **DISEASE** GENES AND SOMATIC GENE-THERAPY - AN
OVERVIEW AND PROSPECTS FOR THE AGED

Author(s): PATEL PI

Corporate Source: BAYLOR COLL MED, INST MOLEC GENET, 1 BAYLOR
PLAZA/HOUSTON//TX/77030

Journal: JOURNALS OF GERONTOLOGY, 1993, V48, N3 (MAY), PB80-B85

ISSN: 0022-1422

Language: ENGLISH Document Type: REVIEW (Abstract Available)

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Display 6/3/2000 (Item 20 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
(c) 2000 Inst for Sci Info. All rts. reserv.

02383846 Genuine Article#: KX408 No. References: 23
Title: **EXPRESSION** OF HUMAN GROWTH-HORMONE FUSION GENES IN CULTURED
LUNG ENDOTHELIAL-CELLS AND IN THE LUNGS OF MICE
Author(s): BRIGHAM KL; MEYRICK B; CHRISTMAN B; CONARY JT; KING G; BERRY LC;
MAGNUSON MA
Corporate Source: VANDERBILT UNIV,MED CTR,SCH MED,DEPT MED,CTR LUNG
RES,B-1308 MED CTR N/NASHVILLE//TN/37232; VANDERBILT UNIV,MED CTR,SCH
MED,DEPT PATHOL/NASHVILLE//TN/37232; VANDERBILT UNIV,MED CTR,SCH
MED,DEPT MOLEC PHYSIOL & BIOPHYS/NASHVILLE//TN/37232
Journal: AMERICAN JOURNAL OF RESPIRATORY CELL AND MOLECULAR BIOLOGY, 1993
, V8, N2 (FEB), P209-213
ISSN: 1044-1549
Language: ENGLISH Document Type: ARTICLE (Abstract Available)

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Display 6/3/23 (Item 21 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
(c) 2000 Inst for Sci Info. All rts. reserv.

02374494 Genuine Article#: KX306 No. References: 126
Title: GENE-THERAPY OF THE IMMUNE-SYSTEM
Author(s): COURNOYER D; CASKEY CT
Corporate Source: MCGILL UNIV,DEPT MED/MONTREAL H3G 1A4/PQ/CANADA/; MCGILL
UNIV,DEPT ONCOL/MONTREAL H3G 1A4/PQ/CANADA/; BAYLOR COLL MED,INST MOLEC
GENET/HOUSTON//TX/77030; BAYLOR COLL MED,HOWARD HUGHES MED
INST/HOUSTON//TX/77030
Journal: ANNUAL REVIEW OF IMMUNOLOGY, 1993, V11, P297-329
ISSN: 0732-0582
Language: ENGLISH Document Type: REVIEW (Abstract Available)

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Display 6/3/24 (Item 22 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
(c) 2000 Inst for Sci Info. All rts. reserv.

02342231 Genuine Article#: KV411 No. References: 31
Title: PARTICLE BOMBARDMENT-MEDIATED GENE-TRANSFER AND **EXPRESSION** IN
RAT-BRAIN TISSUES
Author(s): JIAO SS; CHENG L; WOLFF JA; YANG NS
Corporate Source: AGRACETUS INC,MAMMALIAN GENET,8520 UNIV
GREEN/MIDDLETON//WI/53562; AGRACETUS INC,MAMMALIAN GENET,8520 UNIV
GREEN/MIDDLETON//WI/53562; UNIV WISCONSIN,WAISMAN CTR MENTAL RETARDAT &
HUMAN DEV,DEPT PEDIAT & MED GENET/MADISON//WI/53706
Journal: BIO-TECHNOLOGY, 1993, V11, N4 (APR), P497-502
ISSN: 0733-222X
Language: ENGLISH Document Type: ARTICLE (Abstract Available)

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Display 6/3/25 (Item 23 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
(c) 2000 Inst for Sci Info. All rts. reserv.

02322568 Genuine Article#: KT980 No. References: 33
Title: CHARACTERIZATION OF A BICISTRONIC **RETROVIRAL** VECTOR COMPOSED
OF THE SWINE VESICULAR **DISEASE** VIRUS INTERNAL RIBOSOME ENTRY SITE

Author(s): CHEN BF; YANG LH; CHEN DS
Corporate Source: NATL TAIWAN UNIV, COLL MED, GRAD INST
MICROBIOL/TAIPEI//TAIWAN/; NATL TAIWAN UNIV, COLL MED, GRAD INST
MICROBIOL/TAIPEI//TAIWAN/; NATL TAIWAN UNIV HOSP, HEPATITIS RES
CTR/TAIPEI 100//TAIWAN/
Journal: JOURNAL OF VIROLOGY, 1993, V67, N4 (APR), P2142-2148
ISSN: 0022-538X
Language: ENGLISH Document Type: ARTICLE (Abstract Available)

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Display 6/3/26 (Item 24 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
(c) 2000 Inst for Sci Info. All rts. reserv.

02311738 Genuine Article#: KT410 No. References: 18
Title: GENE DELIVERY TO SPINAL MOTOR NEURONS
Author(s): SAHENK Z; SEHARASEYON J; MENDELL JR; BURGHESE AHM
Corporate Source: OHIO STATE UNIV, COLL MED, CTR NEUROMUSCULAR DIS, DEPT
NEUROL, 1654 UPHAM DR/COLUMBUS//OH/43210; OHIO STATE UNIV, COLL BIOL
SCI, DEPT MOLEC GENET/COLUMBUS//OH/43210; OHIO STATE UNIV, COLL MED, DEPT
MED BIOCHEM/COLUMBUS//OH/43210
Journal: BRAIN RESEARCH, 1993, V606, N1 (MAR 19), P126-129
ISSN: 0006-8993
Language: ENGLISH Document Type: NOTE (Abstract Available)

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Display 6/3/27 (Item 25 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
(c) 2000 Inst for Sci Info. All rts. reserv.

02072238 Genuine Article#: JY874 No. References: 22
Title: GENE-THERAPY VIA PRIMARY MYOBLASTS - LONG-TERM **EXPRESSION** OF
FACTOR-IX PROTEIN FOLLOWING TRANSPLANTATION INVIVO
Author(s): DAI Y; ROMAN M; NAVIAUX RK; VERMA IM
Corporate Source: SALK INST, MOLEC BIOL & VIROL LAB, POB 85800/SAN
DIEGO//CA/92186; SALK INST, MOLEC BIOL & VIROL LAB, POB 85800/SAN
DIEGO//CA/92186; UNIV CALIF SAN DIEGO, SCH MED, DEPT PEDIAT/LA
JOLLA//CA/92093; UNIV CALIF SAN DIEGO, SCH MED, CTR MOLEC
GENET/LAJOLLA//CA/92093
Journal: PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED
STATES OF AMERICA, 1992, V89, N22 (NOV 15), P10892-10895
ISSN: 0027-8424
Language: ENGLISH Document Type: ARTICLE (Abstract Available)

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Display 6/3/28 (Item 26 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
(c) 2000 Inst for Sci Info. All rts. reserv.

00957595 Genuine Article#: FJ889 No. References: 37
Title: IMPLANTATION OF RECOMBINANT RAT MYOCYTES INTO ADULT SKELETAL-
MUSCLE - A POTENTIAL GENE-THERAPY
Author(s): SALMINEN A; ELSON HF; MICKLEY LA; FOJO AT; GOTTESMAN MM
Corporate Source: NCI, DIV CANC BIOL DIAG CTR, CELL BIOL LAB, BLDG 37, ROOM
2E18/BETHESDA//MD/20892; NCI, DIV CANC BIOL DIAG CTR, CELL BIOL LAB, BLDG
37, ROOM 2E18/BETHESDA//MD/20892; NCI, DIV CANC TREATMENT, MED
BRANCH/BETHESDA//MD/20892
Journal: HUMAN GENE THERAPY, 1991, V2, N1, P15-26
Language: ENGLISH Document Type: ARTICLE (Abstract Available)

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Display 6/3/29 (Item 1 from file: 76)
DIALOG(R)File 76:Life Sciences Collection
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02107518 4008268
Satellite cell proliferation in adult skeletal **muscle**
UNIVERSITY OF TEXAS
PATENT NUMBER: US 5466676
(1995)
DOCUMENT TYPE: Patent LANGUAGE: ENGLISH
SUBFILE: Medical and Pharmaceutical Biotechnology Abstracts

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Display 6/9/28 (Item 26 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
(c) 2000 Inst for Sci Info. All rts. reserv.

00957595 Genuine Article#: FJ889 Number of References: 37
Title: IMPLANTATION OF RECOMBINANT RAT MYOCYTES INTO ADULT SKELETAL-
MUSCLE - A POTENTIAL GENE-THERAPY
Author(s): SALMINEN A; ELSON HF; MICKLEY LA; FOJO AT; GOTTESMAN MM
Corporate Source: NCI,DIV CANC BIOL DIAG CTR,CELL BIOL LAB,BLDG 37,ROOM
2E18/BETHESDA//MD/20892; NCI,DIV CANC BIOL DIAG CTR,CELL BIOL LAB,BLDG
37,ROOM 2E18/BETHESDA//MD/20892; NCI,DIV CANC TREATMENT,MED
BRANCH/BETHESDA//MD/20892
Journal: HUMAN GENE THERAPY, 1991, V2, N1, P15-26
Language: ENGLISH Document Type: ARTICLE
Geographic Location: USA
Subfile: SciSearch; CC LIFE--Current Contents, Life Sciences
Journal Subject Category: MEDICAL LABORATORY TECHNOLOGY; GENETICS &
HEREDITY
Abstract: The ability of skeletal **muscle** to regenerate provides an
excellent therapeutic entry, via genetic engineering, for correcting

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DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
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diseases of skeletal **muscle** and other tissues. We have
used a **retrovirus** to transfer the cDNA for the human multidrug
transporter, encoded by the MDR1 gene, into the genomes of the rat
muscle cell line L6 and into primary rat myocytes. The MDR1 gene
confers drug resistance to cells, and thus serves as a selectable
marker in vitro. In cultured cells, the **retroviral**
promoter-driven human MDR1 cDNA was shown to be stable in the
presence or absence of drug selection or **muscle** cell fusion.
MDR1 mRNA was synthesized, as shown by RNA blot analysis and in situ
hybridization. The protein product was localized to the plasma
membrane of transduced myocytes and myotubes by immunofluorescence. As
a model for skeletal **muscle** gene therapy, transduced L6 myocytes
were implanted into the tibialis anterior **muscle** of Wistar rats.
The **retroviral** sequences of the human MDR1 gene and its mRNA were
present in the **muscles** of Wistar rats 5 days, but not 12 days,
after implantation, possibly because of immunorejection. On the other
hand, the human MDR1 cDNA was stable in the tibialis anterior

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muscle of nude mice, which are incapable of immunorejection, at least 4 weeks after implantation of myocytes. Immunosuppression of Wistar rats with cyclosporine A delayed immunorejection of recombinant myocytes, and MDR1 cDNA and mRNA was detected 3-4 weeks after implantation. In situ hybridization revealed that injected recombinant myocytes remain in discrete foci in adult rodent skeletal muscle and express MDR1 mRNA for at least 30 days in nude mice and cyclosporine-treated rats.
Identifiers--Keywords Plus: MULTIDRUG-RESISTANCE GENE; HUMAN MDR1 GENE; INSITU HYBRIDIZATION; P-GLYCOPROTEIN; **EXPRESSION**; CELLS; **DYSTROPHIN**; **RETROVIRUSES**; INJECTION; MICE
Research Fronts: 89-0778 003 (MULTIDRUG RESISTANCE; P-GLYCOPROTEIN **EXPRESSION**; CHINESE-HAMSTER OVARY CELLS)
89-1095 001 (DUCHENNE MUSCULAR-DYSTROPHY; MOLECULAR DELETION PATTERNS; DMD GENE)
89-1586 001 (RAT RENAL-ALLOGRAFT SURVIVAL; DONOR MHC ANTIGEN INDUCTION; CHRONIC THROMBOXANE INHIBITION; TRANSPLANTATION TOLERANCE; CD4 (W3/25+)

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Display 6/3/30 (Item 1 from file: 98)
DIALOG(R)File 98:General Sci Abs/Full-Text
(c) 1999 The HW Wilson Co. All rts. reserv.
04017575 H.W. WILSON RECORD NUMBER: BGSI99017575 (USE FORMAT 7 FOR FULLTEXT)
Gene therapy.
Kmiec, Eric B
American Scientist (Am Sci) v. 87 no3 (May/June '99) p. 240-7
SPECIAL FEATURES: bibl il ISSN: 0003-0996
LANGUAGE: English
COUNTRY OF PUBLICATION: United States
WORD COUNT: 5911

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DIALOG(R)File 98:General Sci Abs/Full-Text
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03751723 H.W. WILSON RECORD NUMBER: BGSI98001723 (USE FORMAT 7 FOR FULLTEXT)
X-chromosome inactivation in mammals.
Heard, Edith
Clerc, Philippe; Avner, Philip
Annual Review of Genetics (Annu Rev Genet) v. 31 ('97) p. 571-610
SPECIAL FEATURES: bibl il ISSN: 0066-4197
LANGUAGE: English
COUNTRY OF PUBLICATION: United States
WORD COUNT: 19888

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3072 ADENO-ASSOCIATED VIR?

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S7 234 A...O-ASSOCIATED VIR? AND MUSCLE?
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633841 PROMOTER?
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Display 8/3/1 (Item 1 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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132000950 CA: 132(1)950d PATENT
Adeno-associated virus vectors utilizing splicing and gene therapy
applications in airway and muscle tissue
INVENTOR(AUTHOR): Engelhardt, John F.; Duan, Dongsheng
LOCATION: USA
ASSIGNEE: University of Iowa Research Foundation
PATENT: PCT International ; WO 9960146 A1 DATE: 19991125
APPLICATION: WO 99US11197 (19990520) *US 86166 (19980520) *US 276625
(19990325)
PAGES: 121 pp. CODEN: PIXXD2 LANGUAGE: English CLASS: C12N-015/86A;
C12N-015/10B; C12N-005/10B; C07K-014/47B; A01K-067/027B; A61K-031/70B;
A61K-048/00B DESIGNATED COUNTRIES: AE; AL; AM; AT; AU; AZ; BA; BB; BG; BR;
BY; CA; CH; CN; CU; CZ; DE; DK; EE; ES; FI; GB; GD; GE; GH; GM; HR; HU; ID;
IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MD; MG; MK;
MN; MW; MX; NO; NZ; PL; PT; RO; RU; SD; SE; SG; SI; SK; SL; TJ; TM; TR; TT;
UA; UG; US; UZ; VN; YU; ZA; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM